L Number	Hits	Search Text	DB	Time stamp
1	22	(US-4797054-\$ or US-4966519-\$ or	USPAT;	2004/04/29 15:02
-		US-4824309-\$ or US-4911597-\$ or	US-PGPUB	
		US-5364481-\$ or US-5314574-\$ or		
		US-5091217-\$ or US-5232508-\$ or		
		US-5512320-\$ or US-5609459-\$ or		
ĺ		US-5740034-\$ or US-5769588-\$ or		
		US-6143082-\$ or US-6234107-\$ or		
		US-6203619-\$ or US-6319553-\$ or		
		US-6719516-\$ or US-6562141-\$ or		
		US-4226208-\$ or US-4338883-\$).did. or		
		(US-20010007244-\$ or		
		US-20030066606-\$).did.		
2	37	4226208.URPN.	USPAT	2004/04/29 14:19
3	1	"3981791".PN.	USPAT	2004/04/29 14:22
4	0	20030066606.URPN.	USPAT	2004/04/29 14:30
5	21	("4504194" "5002464" "5259881"	USPAT	2004/04/29 14:38
		"5380682" "5512320" "5516732"		
		"5520002" "5592581" "5613821"		
		"5730801" "5770515" "5799860"		
		"5830277" "5855675" "5902088"		1
		"5909994" "5911834" "5928389"		
	_	"5944857" "6121579" "6228173").PN.	HODIM	2004/04/00 14:30
6	6	5002464.URPN.	USPAT	2004/04/29 14:39
7	6	5002464.URPN.	USPAT	2004/04/29 14:39
8	5	("2550040" "3189211" "3649339" "4504194" "4654229").PN.	USPAT	2004/04/29 14:39
		, , , , , , , , , , , , , , , , , , , ,	HODAM	2004/04/29 14:57
9	6 5	5002464.URPN. ("2550040" "3189211" "3649339"	USPAT USPAT	2004/04/29 14:57
10	5	[(~2550040~ ~3189211~ ~3649339~ "4504194" "4654229").PN.	USPAT	2004/04/29 14:58
11	540	(414/939).CCLS.	USPAT;	2004/04/29 15:02
	540	(414/939).0013.	US-PGPUB	2004/04/29 13:02
12	347	((414/939).CCLS.) not (118/719.CCLS.	USPAT;	2004/04/29 15:08
12	547	156/345.31.CCLS. 156/345.32.CCLS.	US-PGPUB	2004/04/25 15:00
		204/298.25.CCLS. 204/298.26.CCLS.	00 10102	
·		204/298.35.CCLS.)		
13	2	(("3568632") or ("3656454")).PN.	USPAT;	2004/04/29 15:25
		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	US-PGPUB	
14	1	("5232508").PN.	USPAT;	2004/04/29 17:48
			US-PGPUB	
15	1	("6184132").PN.	USPAT;	2004/04/29 17:50
			US-PGPUB	
16	2	6184132.URPN.	USPAT	2004/04/29 17:49
17	164	cantell-marc-w.in. lasky-jerome-b.in.	USPAT;	2004/04/29 17:53
		line-ronald-j.in. peterson-kirk-d.in.	US-PGPUB	
		tiwari-prabhat.in. murphy-william-j.in.		
18	41	(cantell-marc-w.in. lasky-jerome-b.in.	USPAT;	2004/04/29 17:53
		line-ronald-j.in. peterson-kirk-d.in.	US-PGPUB	
		tiwari-prabhat.in. murphy-william-j.in.)		
	242	and vacuum	TIODAM.	2004/04/20 12:25
-	343	(((118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls.)).CCLS.)	USPAT;	2004/04/28 12:35
		and (interior with chamber)	US-PGPUB	
i _	11	5376212.URPN.	USPAT	2003/04/18 10:56
_	5	("4785962" "4825808" "4851101"	USPAT	2003/04/18 10:58
	3	"4908095" "5217501").PN.	USPAI	2003/04/18 10:58
_	15	("4785962" "4819167" "4908095"	USPAT	2003/04/18 11:11
	13	"5120019" "5133284" "5226632"	USFAI	2003/04/18 11.11
		"5275303" "5292393" "5302209"		
		"5363872" "5469035" "5494494"		
		"5505779" "5616208" "5624536").PN.		
-	37	5855681.URPN.	USPAT	2003/04/18 11:11
-	0	("9365859").PN.	USPAT;	2003/04/18 11:46
]			US-PGPUB	
-	1	"09365859"	USPAT;	2003/04/18 11:46
			US-PGPUB	
-	0	6214120.URPN.	USPAT	2003/04/18 14:41
-	5	("4636401" "4785962" "5043299"	USPAT	2003/04/18 14:41
		"5851365" "5855681").PN.		
-	3	("4579609" "4605479" "4786352").PN.	USPAT	2003/04/18 14:42
_	32	4605479.URPN.	USPAT	2003/04/18 14:42

156/345.32.ccls. 414/939.ccls.)).CCLS.) and (interior with chamber) (((118/719.ccls. 156/345.31.ccls. USPAT; 156/345.32.ccls. 414/939.ccls.)).CCLS.) and (interior with chamber) 1243 (118/719).CCLS. USPAT; USP	18 15:18 18 15:09 18 15:19 18 15:20
and (interior with chamber) (((118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls.)).CCLS.) and (interior with chamber) (1243 (118/719).CCLS. 1243 (118/719).CCLS. 1693 ((118/719) or (156/345.31) or USPAT; 2003/04/(156/345.32) or (414/939)).CCLS. 343 (118/719.ccls.) and (interior with chamber) (((118/719.ccls.)) and (interior with chamber) (((118/719)) or (156/345.31) or USPAT; 2003/04/(156/345.32) or (414/939)).CCLS. 1350 (((118/719)) or (156/345.31) or USPAT; 2003/04/(156/345.32) or (414/939)).CCLS.) not (156/345.32) or (414/939)).CCLS.) not (18/719.ccls.) and (interior with chamber)) 48 (824309.URPN. USPAT 2003/04/(18/719.ccls.)) and (interior with chamber)) ((((118/719)) or (156/345.31) or USPAT 2003/04/(18/719.ccls.)) or (156/345.32) or (414/939)).CCLS.) not (156/345.32) or (156/345.33) or (156/345.3	18 15:19
- 479 (((118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls.)).CCLS.)	18 15:19
- 479 (((118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls.)).CCLS.)	18 15:19
156/345.32.ccls. 414/939.ccls.)).CCLS.)	18 15:19
and (interior with chamber) (118/719).CCLS. 1243 (118/719).CCLS. 1693 ((118/719) or (156/345.31) or USPAT; US-PGPUB ((118/719) or (156/345.31) or USPAT; US-PGPUB ((118/719.ccls.) and (interior with chamber)) 48 4824309.URPN. 6 ("3902615" "4278380" "4405435" USPAT 2003/04/ "4483651" "4553069" "4619573").PN. 6 ((((118/719) or (156/345.31) or USPAT; 2003/04/ "4483651" "4553069" "4619573").PN.	
- 1243 (118/719).CCLS. USPAT; US-PGPUB ((118/719) or (156/345.31) or (156/345.32) or (414/939)).CCLS.) not ((118/719.ccls.) and (interior with chamber)) - 48 4824309.URPN. USPAT 2003/04/ - ("3902615" "4278380" "4405435" USPAT 2003/04/ - ("3902615" "4278380" "4405435" USPAT 2003/04/ - ("483651" "4553069" "4619573").PN. (((((118/719) or (156/345.31) or (156/345.32) or (414/939)).CCLS.) not USPAT; 2003/04/	
US-PGPUB USPAT; USPAT USPAT USPAT USPAT USPAT USPAT; US	
- 1243 (118/719).CCLS. USPAT; US-PGPUB ((118/719) or (156/345.31) or USPAT; US-PGPUB ((118/719.ccls.) and (interior with chamber)) - 48 4824309.URPN. USPAT 2003/04/ - ("3902615" "4278380" "4405435" USPAT 2003/04/ - "4483651" "4553069" "4619573").PN. USPAT 2003/04/ - ((((118/719) or (156/345.31) or USPAT; US	18 15:20
- 1693 ((118/719) or (156/345.31) or (156/345.32) or (414/939)).CCLS. 343 (118/719.ccls.) and (interior with chamber) (((118/719)) or (156/345.31) or (156/345.32) or (414/939)).CCLS.) not (156/345.32) or (414/939)).CCLS.) not (18/719.ccls.) and (interior with chamber)) 48 (4824309.URPN.	18 15:20
- 1693 ((118/719) or (156/345.31) or (156/345.32) or (414/939)).CCLS. 343 (118/719.ccls.) and (interior with chamber) - 1350 (((118/719) or (156/345.31) or (156/345.32) or (414/939)).CCLS.) not (156/345.32) or (414/939)).CCLS.) not (18/719.ccls.) and (interior with chamber)) - 48 (4824309.URPN. USPAT 2003/04/04/04/05435" USPAT 2003/04/05/05/05/05/05/05/05/05/05/05/05/05/05/	
(156/345.32) or (414/939)).CCLS. 343 (118/719.ccls.) and (interior with chamber) (((118/719) or (156/345.31) or (156/345.32) or (414/939)).CCLS.) not (18/719.ccls.) and (interior with chamber)) 48 (424309.URPN. USPAT 2003/04/04/04/05435" USPAT 2003/04/05/05/05/05/05/05/05/05/05/05/05/05/05/	
- 343 (118/719.ccls.) and (interior with chamber) - 1350 (((118/719)) or (156/345.31) or (156/345.32) or (414/939)).CCLS.) not (18/719.ccls.) and (interior with chamber)) - 48 (4824309.URPN. USPAT 2003/04/04/05435" USPAT 2003/04/05/05/05/05/05/05/05/05/05/05/05/05/05/	18 15:22
chamber) (((118/719) or (156/345.31) or (156/345.32) or (414/939)).CCLS.) not (US-PGPUB (118/719.ccls.) and (interior with chamber)) 48	
- 1350 (((118/719) or (156/345.31) or (156/345.32) or (414/939)).CCLS.) not (156/345.32) or (414/939)).CCLS.) not (US-PGPUB ((118/719.ccls.)) and (interior with chamber)) - 48 (4824309.URPN.	18 15:22
(156/345.32) or (414/939)).CCLS.) not (US-PGPUB ((118/719.ccls.) and (interior with chamber)) 48	
((118/719.ccls.) and (interior with chamber)) 48 4824309.URPN. USPAT 2003/04/	27 13:44
((118/719.ccls.) and (interior with chamber)) 48 4824309.URPN. USPAT 2003/04/	
chamber)) 48	
- 48 4824309.URPN.	
- 6 ("3902615" "4278380" "4405435" USPAT 2003/04/ "4483651" "4553069" "4619573").PN. 6 ((((118/719) or (156/345.31) or USPAT; 2003/04/ (156/345.32) or (414/939)).CCLS.) not US-PGPUB	18 16 13
- 6 ((((118/719) or (156/345.31) or USPAT; (156/345.32) or (414/939)).CCLS.) not US-PGPUB	
6 ((((118/719) or (156/345.31) or USPAT; 2003/04/(156/345.32) or (414/939)).CCLS.) not US-PGPUB	10 10.10
(156/345.32) or (414/939)).CCLS.) not US-PGPUB	10 16.00
	18 10:23
chamber))) and (pump with connect with	
line with (vacuum evacuat\$3 exhaust\$3))	
- 1299 ((118/719.ccls. 156/345.31.ccls. USPAT; 2003/09/	09 14:54
156/345.32.ccls. 414/939.ccls.)).CCLS. US-PGPUB	
- 9 4338883.URPN. USPAT 2003/09/	09 15:01
- 24 4966519.URPN. USPAT 2003/09/	09 15:06
	27 13:44
chamber) US-PGPUB	., 15 . 11
- 180 (204/298.25.ccls. 204/298.35.ccls.) and USPAT; 2004/04/	27 13.45
(interior with chamber) US-PGPUB	27 13.43
- 114 (204/298.25.ccls. 204/298.35.ccls.) and USPAT; 2004/04/	07 14-50
	2/ 14:55
	07 10 50
(() () () () () () () () () (2/ 13:53
chamber) same vacuum) US-PGPUB	
- 323 (204/298.26.ccls.) USPAT; 2004/04/	27 13:54
US-PGPUB	
- 279 ((204/298.26.ccls.)) not USPAT; 2004/04/	28 12:34
((204/298.26.ccls.) and ((interior with US-PGPUB	
chamber) same vacuum))	
- 9 5441615.URPN. USPAT 2004/04/	27 14:06
	27 14:07
- 4 ("4851095" "4981566" "5229194" USPAT 2004/04/	
"5364481").PN.	
	27 14:09
	27 14:09
"4920917" "4943363" "4981566"	71 T4:TZ
"5169509" "5340454" "5415757"	
"5718815" "5888305").PN.	
44 (44444444444444444444444444444444444	07 4
- 11 ("4331526" "4572842" "4608943" USPAT 2004/04/	2/ 14:13
"4920917" "4943363" "4981566"	
"5169509" "5340454" "5415757"	
"5718815" "5888305").PN.	
- 0 6168698.URPN. USPAT 2004/04/	
1 6440261.URPN. USPAT 2004/04/	27 14:14

- 66	("4311542" "4405435" "4498416"	USPAT	2004/04/27 14:31
	"4592306" "4607593" "4664062"		
	"4680061" "4681773" "4687542"		
	"4709655" "4715921" "4717461"		
	"4733631" "4739787" "4813846"		
	"4816098" "4820106" "4825808"		
	"4857160" "4886592" "4911103"		
	"4917556" "4951601" "4966519"		
	"5000113" "5044871" "5067218"		
	"5088444" "5186718" "5199483"		!
	"5200017" "5259881" "5286296"		
	"5352248" "5380682" "5445484"		
	"5516732" "5520002" "5582866"		
	"5586585" "5609689" "5667592"		
	"5695564" "5730801" "5769952"		*
	"5784238" "D397346" "5788447"		
	"5795355" "5833426" "5855681"		
	"5882165" "5882413" "5902088"		
	"5909994" "5928389" "5930456"		
	"5944857" "5997255" "6017820"		
	"6039770" "6042623" "6044534"		
	"6048154" "6062798" "6145673").PN.		
- 66	("4311542" "4405435" "4498416"	USPAT	2004/04/27 14:31
	"4592306" "4607593" "4664062"	OSFAI	2004/04/2/ 14:31
	"4680061" "4681773" "4687542"		
	"4709655" "4715921" "4717461"		
1	"4733631" "4739787" "4813846"		
	"4816098" "4820106" "4825808" "4857160" "4886592" "4911103"		
	·		
	"5000113" "5044871" "5067218"		
	"5088444" "5186718" "5199483"		
	"5200017" "5259881" "5286296"		
	"5352248" "5380682" "5445484" "FF1673286"		
	"5516732" "5520002" "5582866"		
	"5586585" "5609689" "5667592"		
	"5695564" "5730801" "5769952"		
	"5784238" "D397346" "5788447"		
4	"5795355" "5833426" "5855681"		
	"5882165" "5882413" "5902088" "5909994" "5928389" "5930456"		
	"6039770" "6042623" "6044534"		
10	"6048154" "6062798" "6145673").PN.		0004/04/07 14 22
18	5088444.URPN.	USPAT	2004/04/27 14:33
	5232508.URPN.	USPAT	2004/04/27 14:37
5	("3854443" "4870923" "5088444"	USPAT	2004/04/27 14:39
10	"5091217" "5139459").PN.	HODZE	0004/04/07 14 15
	5091217.URPN.	USPAT	2004/04/27 14:41
	"4618542".PN.	USPAT	2004/04/27 14:43
1	"4618542".PN.	USPAT	2004/04/27 14:43
- 5	("3854443" "4870923" "50884444"	USPAT	2004/04/27 14:43
3.5	"5091217" "5139459").PN.		0004/04/55
	5232508.URPN.	USPAT	2004/04/27 14:44
557	(204/298.25.ccls. 204/298.35.ccls.)	USPAT;	2004/04/28 12:34
1	//00//000 05 00//000 05	US-PGPUB	0004/04/05
- 482	((204/298.25.ccls. 204/298.35.ccls.))	USPAT;	2004/04/28 12:34
1 1	not (((204/298.26.ccls.)) not	US-PGPUB	
	((204/298.26.ccls.) and ((interior with		
	chamber) same vacuum)))		
1	4663829.URPN.	USPAT	2004/04/27 16:27
1	4663829.URPN.	USPAT	2004/04/27 16:28
5	("3969163" "4131659" "4341588"	USPAT	2004/04/27 16:29
	"4410558" "4492181").PN.		0004/04/25
	5084125.URPN.	USPAT	2004/04/28 11:26
- 4	("4668337" "4716852" "4857139"	USPAT	2004/04/28 11:28
	"4910042").PN.		
	(((118/719.ccls. 156/345.31.ccls.	USPAT;	2004/04/28 12:34
4 8 2 8	156/345.32.ccls. 414/939.ccls.)).CCLS.)	US-PGPUB	
	and (vacuum)		1

¥				
_	482	((204/298.25.ccls. 204/298.35.ccls.))	USPAT;	2004/04/28 12:34
•		not (((204/298.26.ccls.)) not	US-PGPUB	
		((204/298.26.ccls.) and ((interior with		
		chamber) same vacuum)))		
-	279	((204/298.26.ccls.)) not	USPAT;	2004/04/28 12:35
Į.		((204/298.26.ccls.) and ((interior with	US-PGPUB	
		chamber) same vacuum))		
-	534	(((118/719.ccls. 156/345.31.ccls.	USPAT;	2004/04/28 12:35
		156/345.32.ccls. 414/939.ccls.)).CCLS.)	US-PGPUB	
		and (interior with chamber)		
-	1166	((((118/719.ccls. 156/345.31.ccls.	USPAT;	2004/04/28 12:40
:		156/345.32.ccls. 414/939.ccls.)).CCLS.)	US-PGPUB	
		and (vacuum)) not ((((204/298.25.ccls.		
ĺ		204/298.35.ccls.)) not		
	1	(((204/298.26.ccls.)) not		
1		((204/298.26.ccls.) and ((interior with		
	1	chamber) same vacuum)))))		
	1	(((204/298.26.ccls.)) not		
		((204/298.26.ccls.) and ((interior with		
		chamber) same vacuum))))		
-	19		USPAT	2004/04/29 11:46
-	22	,	USPAT	2004/04/29 11:48
		"5080549" "5100502" "5186718"		
1		"5226632" "5288379" "5292393"		
	İ	"5330301" "5447409" "5558482"		
		"5558487" "5607276" "5769952"		
		"5830272" "5879128" "5934856"		
		"5947677" "5997235" "6186722"		
	20	"6224312").PN.		0004/04/00 11 54
-	22	, , , , , , , , , , , , , , , , , , , ,	USPAT	2004/04/29 11:54
		"5080549" "5100502" "5186718" "5226632" "5288379" "5292393"		
1		"5226632" "5288379" "5292393" "5330301" "5447409" "5558482"		
		"5558487" "5607276" "5769952"		
		"5830272" "5879128" "5934856"		
		"5947677" "5997235" "6186722"		
		"6224312").PN.		
L		OZZIOIZ , . LIN.	1	